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JAMECO® ELECTRONICS

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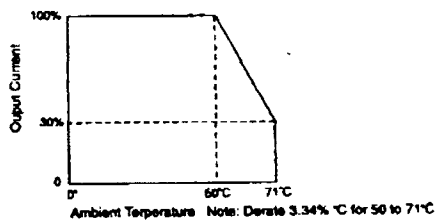
Jameco Part Number
205680

ESK-U SERIES

Dual & Triple Output Models

Features:

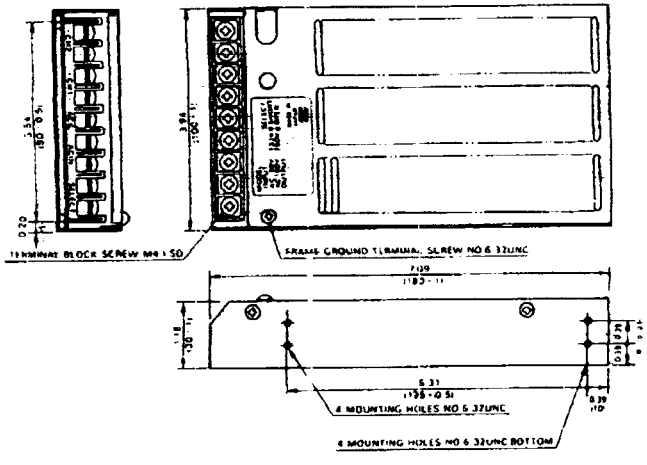
- **50W, 70W, & 80W Models**
- User Selectable Input (120/220VAC)
- Extremely Low Profile
- UL / CSA Approved
- Metal Chassis with Cover
- High Reliability & MTBF
- Low Cost, High Performance
- Two Year Warranty

Specifications	
INPUT VOLTAGE	AC115/220V(AC90 to 132V/180 to 260V)
INPUT FREQUENCY	50/60 Hz (47 ~ 63 Hz)
EFFICIENCY	72% (Typ)
INRUSH CURRENT	50W:15/30A MAX (AC115/220V), 70 & 80W:20/40A MAX (AC115/220V)
VOLTAGE ADJUST RANGE	±5%
LINE REGULATION	0.4% Max.
LOAD REGULATION	0.8% Max.
RIPPLE/NOISE (DC ~ 100MHZ)	1% + 50mVp-p
TEMPERATURE COEFFICIENT	0.04%/C°
DRIFT	0.5%+15mV Max. /8 hours
DROP OUT TIME	20msec. MIN.
RISE TIME	200msec. MAX.
OVER CURRENT PROTECTION	Built-In
OVER VOLTAGE PROTECTION	Built-In
DIELECTRIC WITHSTANDING VOLTAGE	Primary to Secondary AC2500V Primary to Case AC2500V Secondary to Case AC 500V
ISOLATION RESISTANCE	50Mohm, MIN.
LEAKAGE CURRENT	0.7 mA Max.
OPERATING TEMPERATURE	0° C to +71°C DERATING CURVE 
STORAGE TEMPERATURE	-20 - 85°C
LEAKAGE CURRENT	1 mA Max.

MODEL	OUTPUT 1		OUTPUT 2		
	VOLTS	AMPS	VOLTS	AMPS (CON)	AMPS (PK)
ESK50U-1212W	+12V	2A	+12V	2A	-
ESK50U-1515W	+15V	1.5A	+15V	1.5A	-
ESK50U-0512W	+5V	3A	+12V	3A	6A
ESK50U-0524W	+5V	3A	+24V	1.5A	3A
ESK70U-0524WA	+5V	2.5A	+24V	2.5A	4A
ESK80U-0512W	+5V	5A	+12V	4A	8A
ESK80U-0524W	+5V	5A	+24V	2A	4A

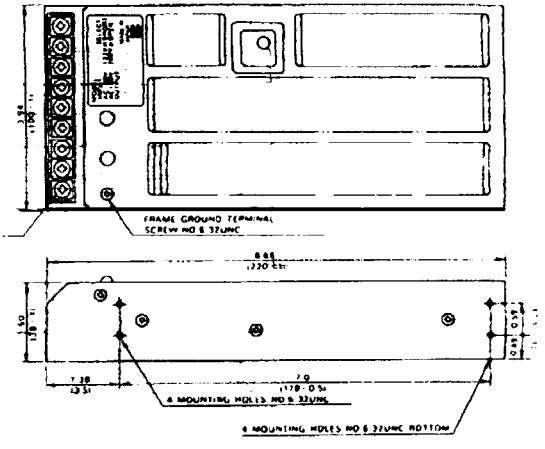
MODEL	OUTPUT 1		OUTPUT 2		OUTPUT 3	
	VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS
ESK50U-1212	+5V	5A	+12V	1A	-12V	1A
ESK50U-1515	+5V	5A	+15V	0.8A	-15V	0.8A
ESK50U-1205	+5V	5A	+12V	1.5A	-5V	0.5A
ESK50U-1212A	+5V	5A	+12V	1.5A	-12V	0.5A
ESK70U-1212	+5V	7A	+12V	1.5A	-12V	1.5A
ESK70U-1515	+5V	7A	+15V	1.2A	-15V	1.2A
ESK70U-1205	+5V	7A	+12V	2A	-5V	1A
ESK70U-1212A	+5V	7A	+12V	2A	-12V	1A
ESK80U-1212	+5V	10A	+12V	1A	-12V	1A
ESK80U-1515	+5V	10A	+15V	0.8A	-15V	0.8A
ESK80U-1205	+5V	10A	+12V	1.5A	-5V	0.5A
ESK80U-1212A	+5V	10A	+12V	1.5A	-12V	0.5A

● ESK50U Dual Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

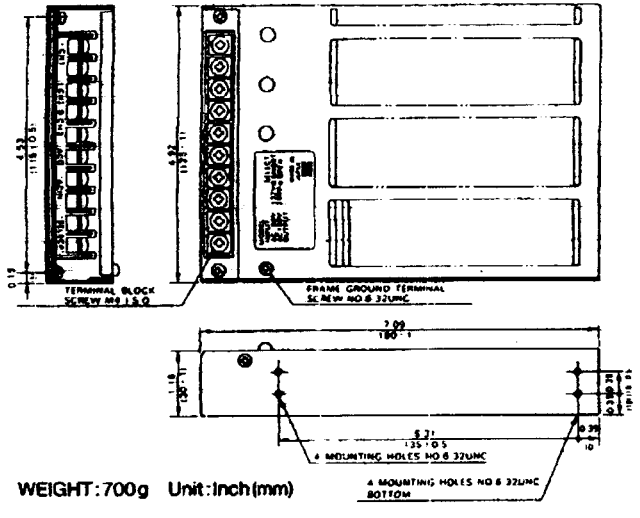
WEIGHT:630g Unit:Inch(mm)

● ESK70U, 80U Dual Output



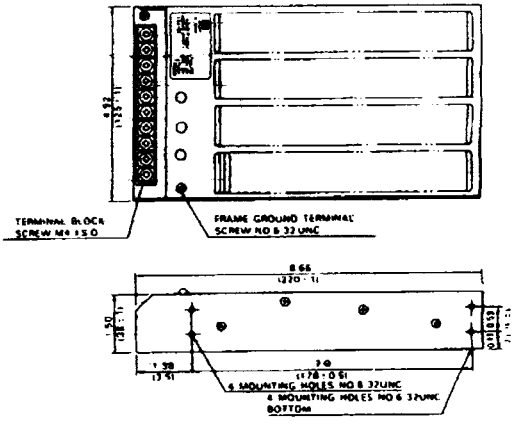
WEIGHT:740g Unit:Inch(mm)

● ESK50U Triple Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

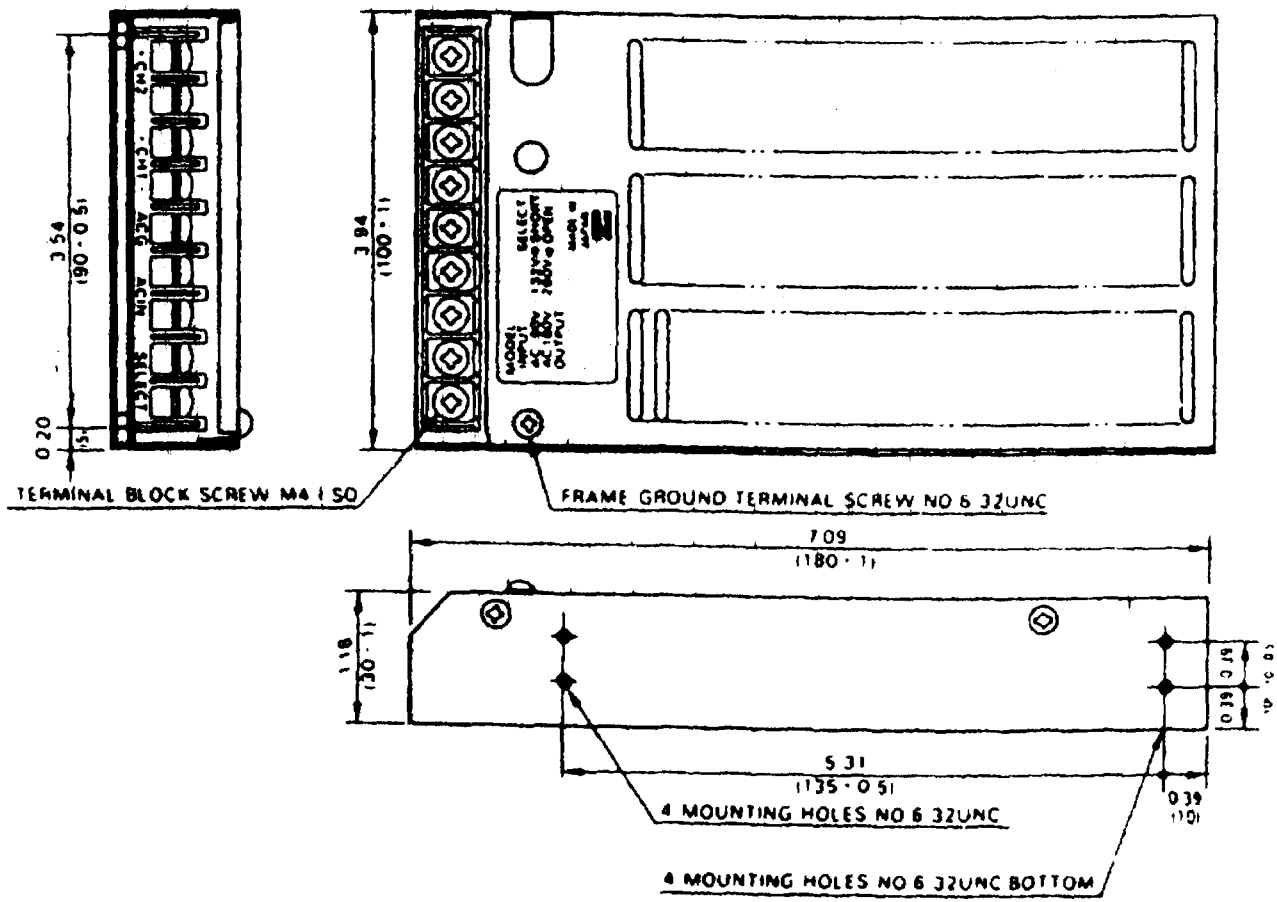
WEIGHT:700g Unit:Inch(mm)

● ESK70U, 80U Triple Output


TERMINAL BLOCK SCREW M4 I.5O
FRAME GROUND TERMINAL SCREW NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC
4 MOUNTING HOLES NO 6 32UNC BOTTOM

WEIGHT:890g Unit:Inch(mm)

● ESK50U Dual Output



WEIGHT: 630g Unit: Inch(mm)